BROADCASTING (SHRI H. K. L. BHAGAT): (a) Yes, Sir.

(b) It is envisaged to set up a high power (10 KW) TV transmitter at Bareilly; a 100 W TV transmitter each at Amethi, Hardoi, Hardwar, Orai, Puranpur and Mainpuri; a 2x10 W TV transmitter each at Shatiari, Gopeswar, Haldwani, Kausani, Ranikhet, Uttarkashi; and a TV transposer each at Narendranagar, Obra and Shrinagar.

(c) Funds are earmarked on year to year basis keeping in view the annual allocation of resources for that particular financial year. Thus, while Doordarshan's Annual Plan, 1988-89, *inter alia* includes an amount of Rs. 9.96 crores for implementation of TV projects in Uttar Pradesh, the annual allocation of resources for the financial year 1989-90 is not known. The amount allocated/ to be allocated for the purpose would be utilised towards making payments for the sites, construction of buildings and towers, procurement of the required equipment and installation works.

1838. [*Transferred to the 15th March, 1988*].

Integrated pest management

1839. SHRIMATI ELA RAMESH BHATT: Will the Minister of AGRICULTURE be pleased to state:

(a) whether there has been devastating outbreak of pest diseases of cotton despite high levels of pesticides used;

(b) whether the causes therefore have been established and if so, the details thereof;

(c) whether there is urgent need for introduction of integrated pest management (IPM);

(d) whether any ICAR Institute/ Agriculture University have developed IPM for cotton and if so, the details thereof; and

(e) what is the acreage covered under this package of practice?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI SHYAM LAL YADAV): (a) and (b) During the current crop season, pest attack by *Heliothis* occurred on cotton crop, in the districts of Guntur and Prakasam of Andhra Pradesh. The exact causes of this outbreak have not been established. However, the following factors may be responsible:

(i) Favourable alternate hosts and carryover of the pest from redgram;

(ii) Drought conditions and cyclonic rains;

(iii) Probable development of resistance in *Heliothis* to insecticides;

(iv) Excessive and indiscriminate use of broad spectrum insecticides specially synthetic pyrethroids;

(v) Monocropping of cotton; and

(vi) Excessive use of nitrogenous fertilisers.

(c) and (d) Steps have been initiated to popularise Integrated Pest Management. Integrated Pest Management for cotton bollworm (*Heliothis*) has been developed at Central Institute of Cotton Research, Regional Station, Coimbatore and Tamil Nadu Agricultural University, Coimbatore. The details are:—

(i) Growing of less susceptible varieties of cotton like Kanchana and LK 861.

(ii) Proper monitoring of *Heliothis* population and spraying of insecticides when needed.

(iii) Restricted use of broad spectrum insecticides particularly synthetic pyrethroids.

(iv) Crop rotation with non-host plants.

(v) Use of bacterial and biological control agents.

(vi) Hand picking of larvae wherever possible.

(vii) Use of recommended dose of nitrogenous fertilisers.

(viii) Use of quality insecticides in proper doses by effective sprayers.

The Integrated Pest Management strategies for cotton pests have also been developed for other regions by Punjab Agricultural University, Ludhiana and Andhra Pradesh Agricultural University, Hyderabad.

(e) Integrated Pest Management is being recommended throughout the country.

डी०डी०टी० के इस्तेमाल पर प्रतिबंध

1840. **श्री रशीद मसूद** : क्या **कृषि** मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि कई देशों में कृषि क्षेत्रों में डी०डी०टी० के इस्तेमाल पर प्रतिबंध लगाया गया है ;

(ख) क्या यह भी सच है कि भारत में भी कृषि के क्षेत्र में डी० डी० टी० के इस्तेमाल पर प्रतिबंध लगा दिया गया है ;

(ग) क्या यह भी सच है कि सरकार एक बार फिर कृषि क्षेत्र में डी० डी० टी० के प्रयोग को खुली छूट देने का विचार कर रही है; और

(घ) यदि हां, तो इसके क्या कारण है ?

कृषि मंत्रालय में कृषि और सहकारिता विभाग में राज्य मंत्री (श्री श्याम लाल यादव) : (क) उपलब्ध जानकारी से यह पता चलता है कि कुछ देशों ने डी०डी०टी० के उपयोग पर प्रतिबंध लगा दिया है।

(ख) जी नहीं ।

(ग) जी नहीं ।

(घ) भाग (ग) के उत्तर को देखते हुए प्रश्न ही नहीं उठता ।

प्रमाणित बीजों के उत्पादन का कार्यक्रम

1841. **श्री रशीद मसूद** : क्या **कृषि** मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि राष्ट्रीय बीज निगम ने देश में प्रमाणित बीजों के उत्पादन को बढ़ाने के लिए हाल में एक कार्यक्रम तैयार किया है ; और

(ख) यदि हां, तो अगले तीन वर्षों में हर वर्ष इन बीजों के उत्पादन का कितना-कितना लक्ष्य रखा गया है और इसके परिणामस्वरूप इन बीजों की कितने प्रतिशत आवश्यकता पूरी हो सकेगी ?

कृषि मंत्रालय में कृषि और सहकारिता विभाग में राज्य मंत्री (श्री श्याम लाल यादव) : (क) जी हां ।

(ख) प्रामाणीकृत बीज का उत्पादन करने के लिये राष्ट्रीय बीज निगम द्वारा नियत किये गये लक्ष्य नीचे दिये गये हैं :—

1988–89	6.75 लाख क्विंटल
1989–90	8.80 लाख क्विंटल
1990–91	अन्तिम रूप नहीं दिया गया

राष्ट्रीय बीज निगम, आवश्यकता को लगभग 6 प्रतिशत से 8 प्रतिशत की पूर्ति कर पायेगा ।